

## Slowmation Assignment

For this assignment, you will produce a Slowmation video explaining one of the processes we have learned about in class.

Using modelling clay and construction paper (and other materials if desired), you will show the different steps in the process and take a photo of each one. Then, import these pictures into iMovie to make an animation. You may either add audio to the animation to explain what is happening at each step or include written descriptions in the pictures.

Guidelines:

- You may work by yourself or with a partner.
- Before you start using the clay, do a storyboard outlining what will be in each photo.
- Your animation should be at least 30 seconds in length, with 0.3 seconds per frame. This means you will need at least 100 photographs. Don't worry: once you get started, taking the pictures goes pretty quickly!
- Please avoid unnecessary mixing of different colours of clay.
- The assignment is due **Monday February 13<sup>th</sup>**.
- More detailed instructions on how to use iMovie to make a Slowmation, as well as examples, can be found at [www.slowmation.com](http://www.slowmation.com)
- You can choose from the following topics:
  1. Transpiration
  2. Photosynthesis
  3. Cellular Respiration
  4. Mutations/Cancer
  5. Cell specialization
  6. Cell suicide
  7. Water pressure
  8. Cell cycle
  9. Plant growth
  10. Cell division

## Slowmation Assignment - Criteria Sheet

Student(s): \_\_\_\_\_

Topic: \_\_\_\_\_

<u>CRITERIA</u>	<u>UNSATISFACTORY</u>	<u>NEEDS IMPROVEMENT</u>	<u>SATISFACTORY</u>	<u>GOOD</u>	<u>EXCELLENT</u>
<b>[Knowledge]</b> The slowmation accurately outlined all of the stages involved in identifying the chosen topic	A large number of errors made/missing stages.  2	Stages are included however a moderate amount of errors were made.  4	All stages included with minor errors made.  6	Stages accurately shown with one minor error.  8	All stages accurately presented without any errors.  10
<b>[Communication]</b> The presentation was supported through the use of signs/voice over/descriptions.	No use of signs/voice over/descriptions.  1	An attempt to use signs/descriptions/voice over, however more use of these support tools were needed.  2	Some use of support material to aid with the understanding of the presentation.  3	Great use of support material to aid with understanding.  4	Very effective and creative use of voice over/brief descriptions to support the presentation.  5
<b>[Application]</b> The presentation was well presented; effective overall design and accurate representation of all components	Little/no thought for the design of the slowmation, and inaccurate representations and/or missing cell components.  2	An attempt at engaging the viewer through the design of the slowmation, however inaccurate representation of cell components.  4	Good slowmation design with some minor errors made with respect to accurately representing cell components.  6	Great slowmation design that engages the viewer, with accurate representation of cell components.  8	A very effective slowmation design which immediately captures the attention of the viewer. Very accurate representations of cell components.  10
<b>[Thinking]</b> The video length was long enough for the viewer to be able to grasp the concepts, along with effective use of photos to create 'flow.'	The slowmation was extremely short and staggered.  1	The video length was too short, as a result of the lack of 'flow' in the presentation.  2	Just enough time to grasp some understanding and meaning from the presentation.  3	Good length for the viewer to be able to process the information from the slowmation, and create understanding and meaning for themselves.  4	Not too long/not too short. Great length for the viewer to be able to make sense and understanding of the cell division processes that were presented. Excellent 'flow' of the presentation.  5

Feedback: \_\_\_\_\_

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